FIG. 1

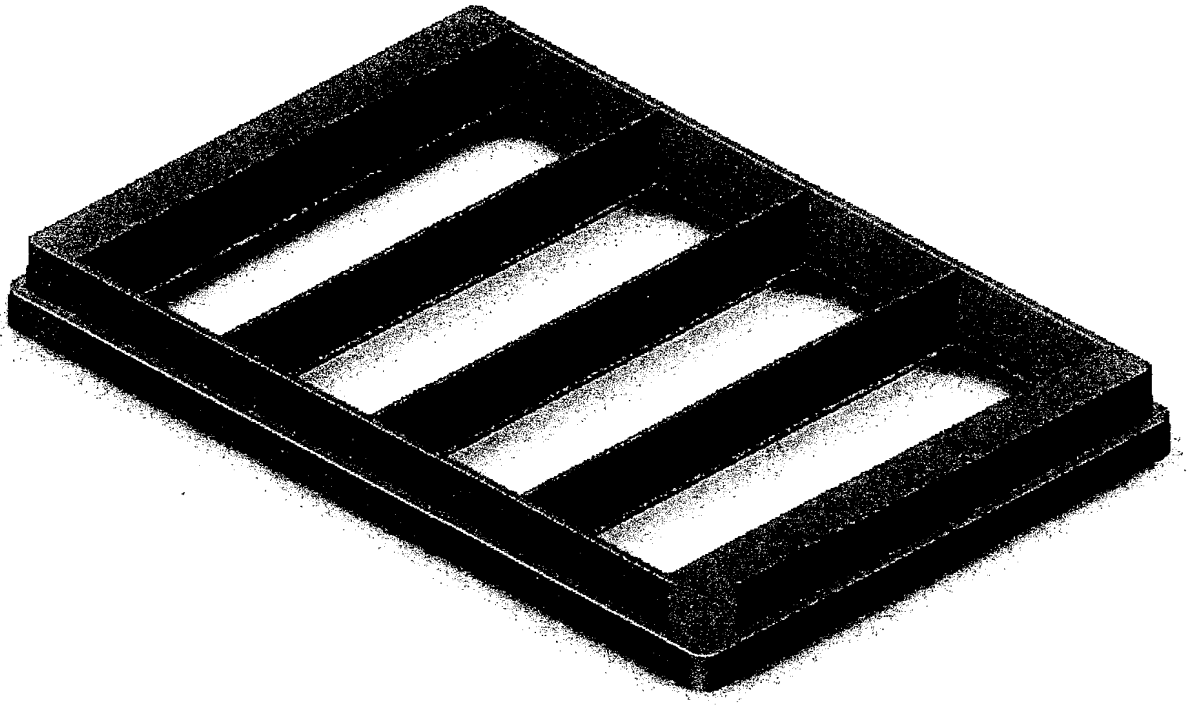


FIG. 2

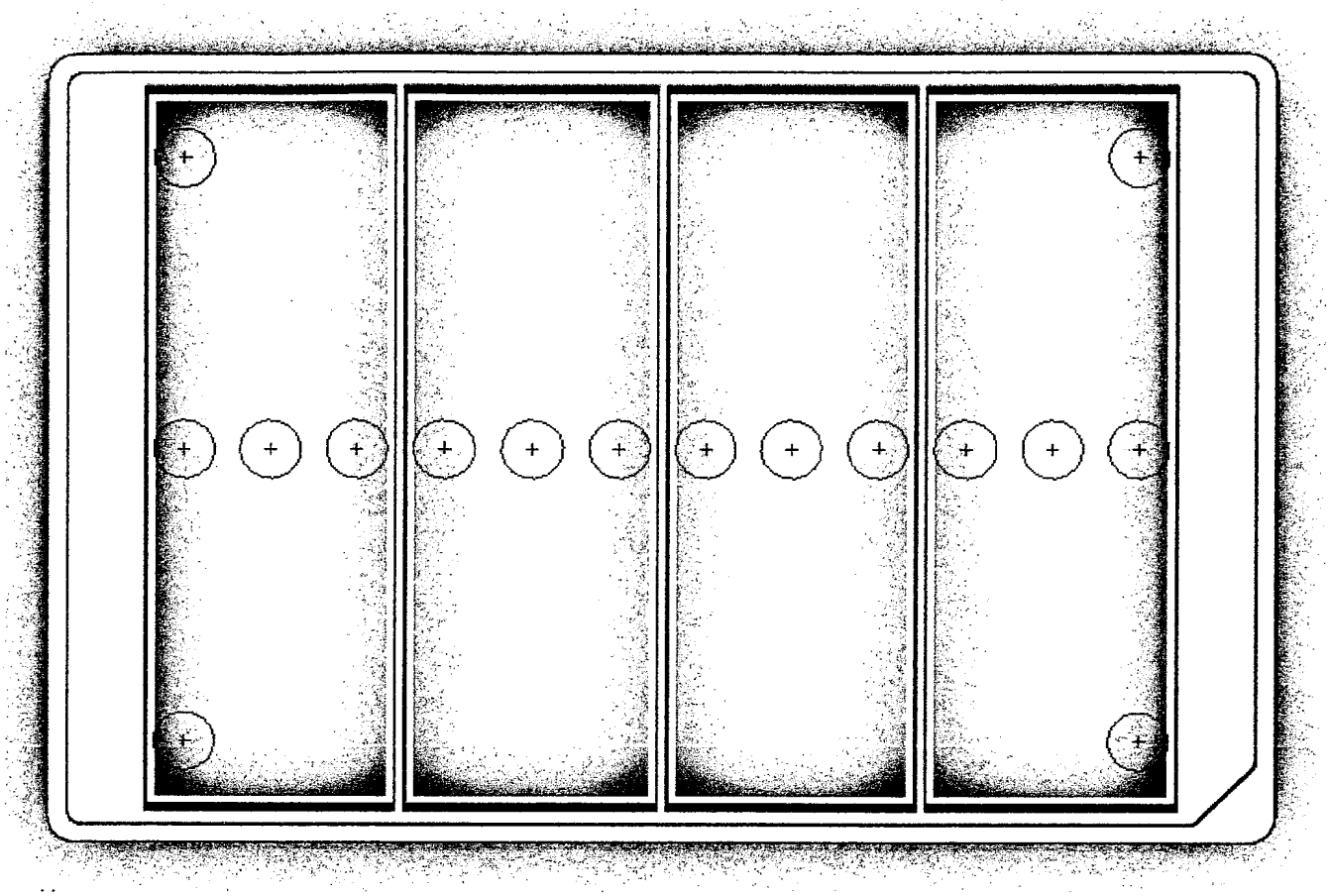


FIG. 3

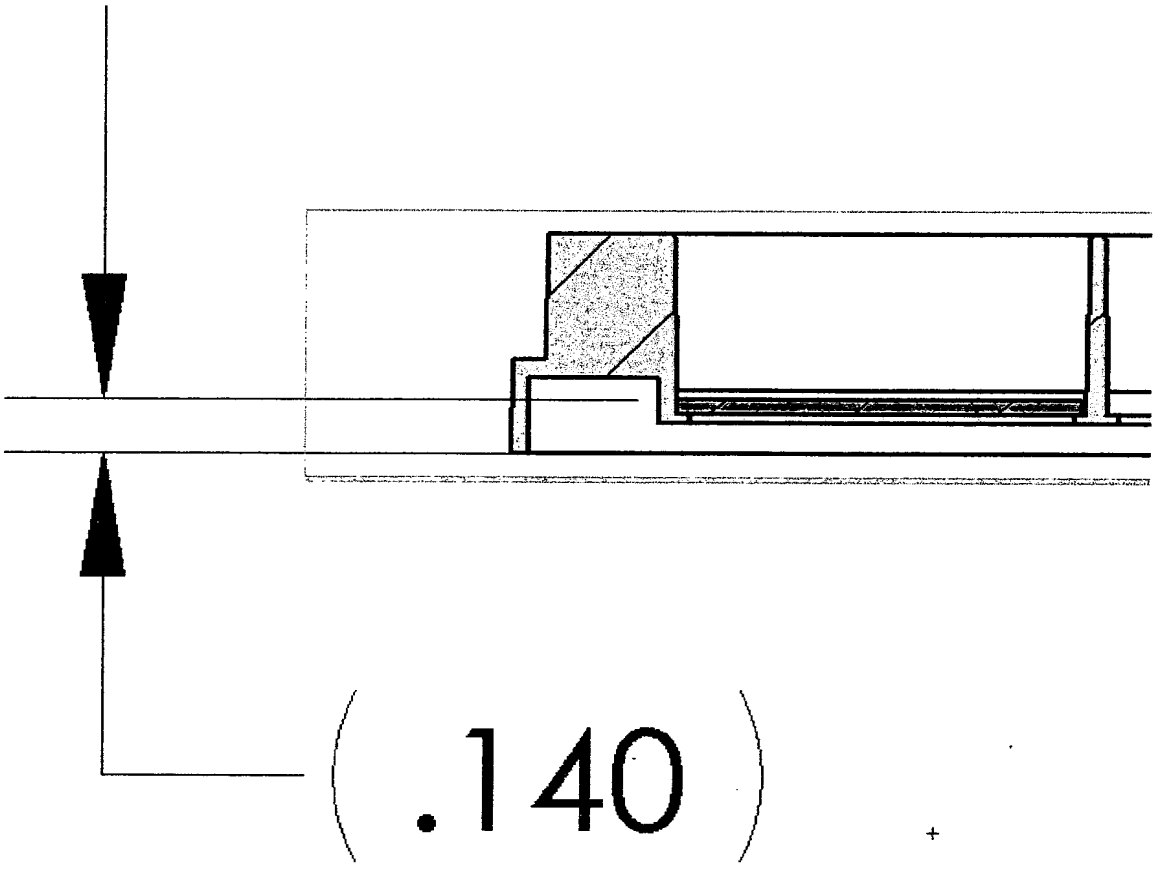


FIG. 4

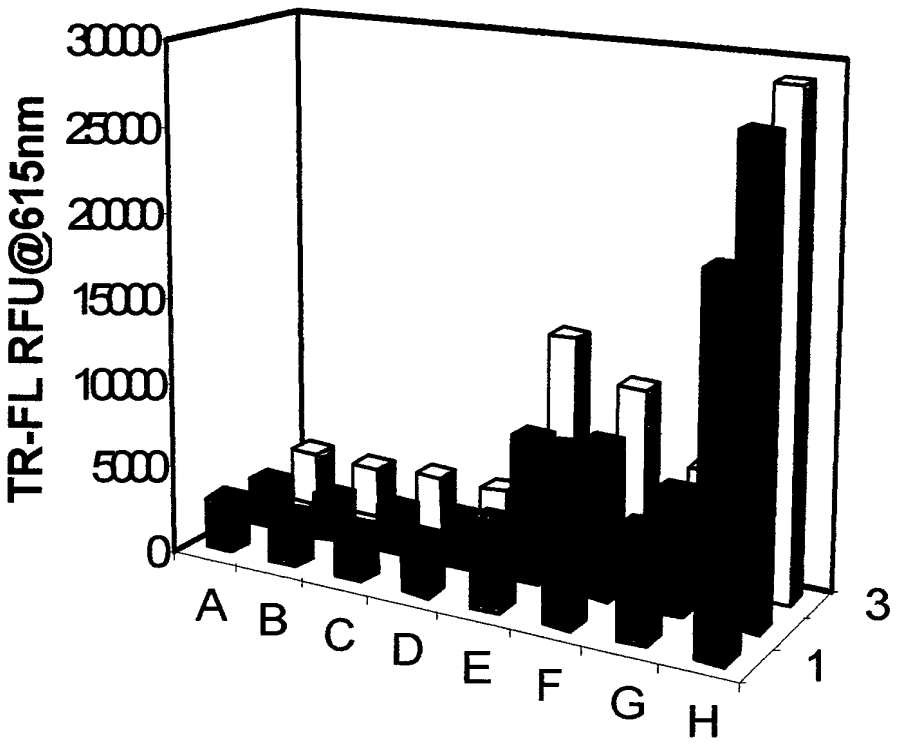
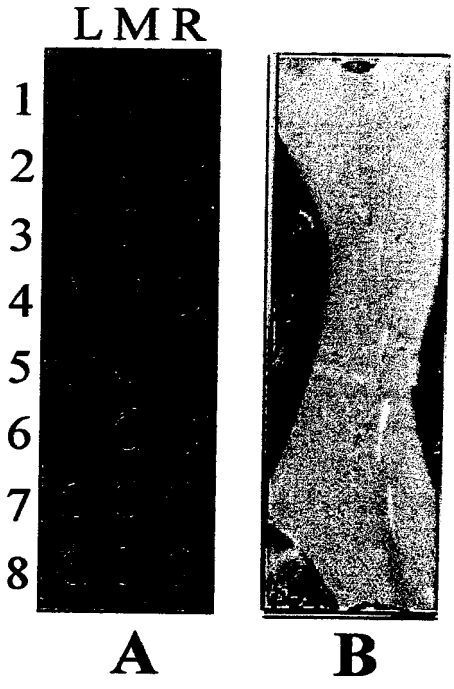
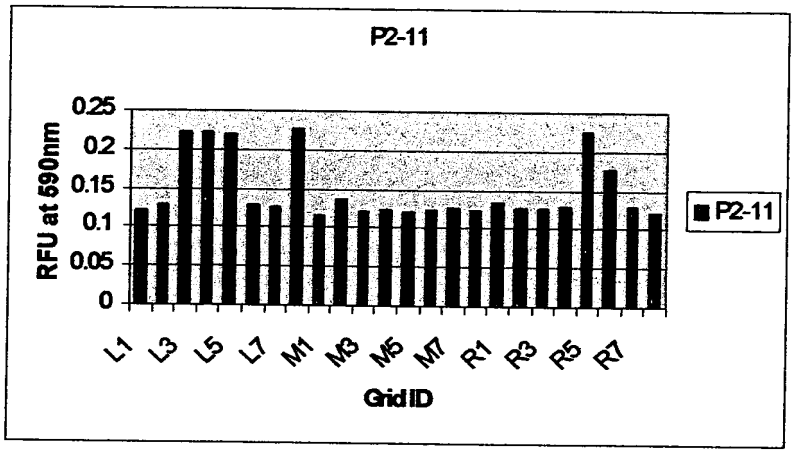

TR-FL RFU@615nm
30000
25000
20000
15000
10000
5000
0
A
B
C
D
E
F
G
H
1
3

FIG. 5


L M R
1
2
3
4
5
6
7
8

A

B


P2-11
RFU at 590nm
0.25
0.2
0.15
0.1
0.05
0
L1
L3
L5
L7
M1
M3
M5
M7
R1
R3
R5
R7
Grid ID
P2-11

C